October 19, 2017

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to Visu-Sewer, Inc., W230 N4855 Betker Drive, Pewaukee, WI 53072 for Concrete Sanitary Sewer Lining And Manhole Rehabilitation - 2017.

Contract No. 3985 2/23/2017 $1,060,104.00

Item No	Bid Quantity	Completed Quantity	Description			Cost	Per Unit	Amount
1	**1,960**	**1,959**	**Lin. Ft. of 36-Inch Sanitary Sewer Lining (CIPP)**	**@**	**$**	**175.00**	**Lin. Ft.**	**$342,825.00**
2	**2,565**	**2,565**	**Lin. Ft. of 27-Inch Sanitary Sewer Lining (CIPP)**	**@**	**$**	**105.00**	**Lin. Ft.**	**$269,325.00**
3	**1,774**	**1,774**	**Lin. Ft. of 21-Inch Sanitary Sewer Lining (CIPP)**	**@**	**$**	**85.50**	**Lin. Ft.**	**$151,677.00**
4	**73**	**73**	**Lateral Reconnections**	**@**	**$**	**150.00**	**Each**	**$10,950.00**
5	**73**	**34**	**Lateral Connection Test and Seal**	**@**	**$**	**150.00**	**Each**	**$5,100.00**
6	1	1	Replace Cover	@	$	144.20	Each	$144.20
7	**20**	**12**	**Replace Chimney, Frame, and Cover**	**@**	**$**	**1,998.20**	**Each**	**$23,978.40**
8	**26**	**3**	**Rehabilitate Manhole with Cementitious Liner (Approx. 305 Vert. Ft.)**	**@**	**$**	**1,197.00**	**Each**	**$3,591.00**
9	3	3	Bench / Invert / Trough Work Minor	@	$	1,359.60	Each	$4,078.80
10	21	0	Install Chimney Seal	@	$	566.50	Each	$0.00
11	1	0	Install Inside Pipe Drop (Approx. 7 Vert. Ft.)	@	$	2,472.00	Each	$0.00
12	5	5	Asphalt Pavement Patching	@	$	1,030.00	Each	$5,150.00
13	**14,300**	**5,598**	**Sq. Ft. of 8-Inch Concrete Pavement Patching (3000 psi in 72 Hours)**	**@**	**$**	**8.24**	**Sq. Ft.**	**$46,127.52**
14	**2,600**	**1,560**	**Lin. Ft. of Concrete Sawing, 8-Inch in Depth**	**@**	**$**	**4.12**	**Lin. Ft.**	**$6,427.20**
15	**750**	**385**	**Drilled Tie Bars**	**@**	**$**	**5.15**	**Each**	**$1,982.75**
16	800	0	Hot Mix Asphalt (HMA) Pavement Railroad Blend Area	@	$	58.71	Sq. Yd.	$0.00
			Total					$871,356.87
			Less Retainage					$26,502.60
			Total					$844,854.27
			Less Previosuly Paid					$312,781.61
			Total Amount Due					$532,072.66

This estimate has been checked by the Engineering Department and we recommend that the above amount of $532,072.66 be allowed.

Respectfully Submitted,

Fred V. Abadi, PhD., P.E.
Director of Public Works